

Model			FP-51XD-E	FP-68XD-E
Code			EM52000011	EM52000021
Power system	Type	V-Ph-Hz	220-240V~ 50Hz	220-240V~ 50Hz
	Input	W	49	56
Air flow volume	High	CFM	300	371
		m ³ /h	510	680
	Medium	CFM	247	318
		m ³ /h	420	540
	Low	CFM	206	265
		m ³ /h	350	450
Capacity	Cooling	W	3000	3500
	Heating	W	4000	5000
Electric heater rated power		W	-	-
Water system	Water flow volume	m ³ /h	0.49	0.616
	Pressure drop	kPa	5	9
Sound pressure level		dB(A)	43	48
Coil	Type	-	Aluminum fin-copper tube	Aluminum fin-copper tube
	Operating pressure	MPa	≤1.6MPa	≤1.6MPa
Motor	Type	-	FN11T	FN11T
	Capacitor	μF	1	2.5
Connection pipe size	Water inlet & outlet	inch	G3/4"	G3/4"
	Condensing water drain	mm	25	25
Outline dimension (W×D×H)	Body	mm	600×600×230	600×600×230
	Panel	mm	650×650×50	650×650×50
Package dimension (W×D×H)	Body	mm	848×678×310	848×678×310
	Panel	mm	730×670×102	730×670×102
Net weight	Body	kg	19.3	19.3
	Panel	kg	5	5
Gross weight	Body	kg	27	27
	Panel	kg	6	6
Loading quantity		20'GP	114	114
		40'GP	216	216
		40'HQ	256	256
Wired remote controller			Z5K351	Z5K351
Wireless remote controller			YB1F2(X-FAN)	YB1F2(X-FAN)

Notes:

1. The water working temperature is from 7°C(44.6°F) to 60°C(140°F).

2. The temperature exchange efficiency and enthalpy exchange efficiency are tested under these testing conditions as below:

(1) Cooling efficiency: air 27°C(80.6°F) DB, 19.5°C(67.1°F) WB, water temperature in 7°C(44.6°F), water out 12°C(53.6°F).

(2) Heating capacity: air 21°C(69.8°F) DB, Water temperature intake 60°C(140°F), the water-flow volume is same as Cooling capacity.

Model			FP-85XD/B-T	FP-85XD/B-T	FP-102XD/B-T	FP-102XD/B-T
Code			EM520N0940	EM520N0930	EM520N0920	EM520N0910
Power system	Type	V-Ph-Hz	208-230V~ 60Hz	220-240V~ 50Hz	208-230V~ 60Hz	220-240V~ 50Hz
	Input	W	70	75	130	110
Air flow volume	High	CFM	459	471	600	600
		m ³ /h	780	800	1020	1020
	Medium	CFM	371	382	599	599
		m ³ /h	630	650	950	950
	Low	CFM	324	324	529	529
		m ³ /h	550	550	900	900
Capacity	Cooling	W	4600	4500	5400	5000
	Heating	W	7800	5600	9000	6500
Electric heater rated power		W	-	-	-	-
Water system	Cooling water flow volume	l/s	0.22	0.21	0.26	0.24
	Heating water flow volume	l/s	0.22	0.13	0.26	0.17
	Cooling pressure drop	kPa	27	24	48	36
	Heating pressure drop	kPa	24	8	47	13
Sound pressure level		dB(A)	39	39	49	49
Coil	Type	-	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube
	Operating pressure	MPa	≤1.6MPa	≤1.6MPa	≤1.6MPa	≤1.6MPa
Motor	Type	-	FN35D-1	FN35D-1	FN35D-1	FN35D-1
	Capacitor	μF	2.00	2.00	5.00	5.00
Connection pipe size	Water inlet & outlet	inch	G3/4"	G3/4"	G3/4"	G3/4"
	Condensing water drain	mm	25	25	25	25
Outline dimension (W×D×H)	Body	mm	840×840×190	840×840×190	840×840×190	840×840×190
	Panel T01	mm	950×950×60	950×950×60	950×950×60	950×950×60
	Panel TB03	mm	950×950×85	950×950×85	950×950×85	950×950×85
Package dimension (W×D×H)	Body	mm	963×963×272	963×963×272	963×963×272	963×963×272
	Panel T01	mm	1028×1043×130	1028×1043×130	1028×1043×130	1028×1043×130
	Panel TB03	mm	1033×1038×133	1033×1038×133	1033×1038×133	1033×1038×133
Net weight	Body	kg	25.0	25.0	25.0	25.0
	Panel T01	kg	3.0	3.0	3.0	3.0
	Panel TB03	kg	7	7	7	7
Gross weight	Body	kg	33.0	33.0	33.0	33.0
	Panel T01	kg	5.0	5.0	5.0	5.0
	Panel TB03	kg	11	11	11	11
Loading quantity	20'GP(with panel T01)		57	57	57	57
	40'GP (with panel T01)		133	133	133	133
	40'HQ (with panel T01)		149	149	149	149
	20'GP (with panel TB03)		56	56	56	56
	40'GP (with panel TB03)		131	131	131	131
	40'HQ (with panel TB03)		147	147	147	147
Wired remote controller			Z4E351B	Z4E351B	Z4E351B	Z4E351B
Wireless remote controller			YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)

Model			FP-125XD/B-T	FP-125XD/B-T	FP-140XD/B-T	FP-140XD/B-T
Code			EM520N0900	EM520N0890	EM520N0880	EM520N0870
Power system	Type	V-Ph-Hz	208-230V~ 60Hz	220-240V~ 50Hz	208-230V~ 60Hz	220-240V~ 50Hz
	Input	W	130	82	140	120
Air flow volume	High	CFM	665	694	794	824
		m ³ /h	1130	1180	1350	1400
	Medium	CFM	529	588	647	735
		m ³ /h	900	1000	1100	1250
	Low	CFM	441	529	588	676
		m ³ /h	750	900	1000	1150
Capacity	Cooling	W	6300	6000	8000	8000
	Heating	W	10000	7800	12000	9000
Electric heater rated power		W	-	-	-	-
Water system	Cooling water flow volume	l/s	0.3	0.29	0.38	0.38
	Heating water flow volume	l/s	0.3	0.18	0.38	0.21
	Cooling pressure drop	kPa	27	24	33	30
	Heating pressure drop	kPa	28	9	29	10
Sound pressure level		dB(A)	43	43	48	50
Coil	Type	-	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube
	Operating pressure	MPa	≤1.6MPa	≤1.6MPa	≤1.6MPa	≤1.6MPa
Motor	Type	-	FN35B-1	FN35B-1	FN35C	FN35C
	Capacitor	μF	2.00	2.00	4.00	4.00
Connection pipe size	Water inlet & outlet	inch	G3/4"	G3/4"	G3/4"	G3/4"
	Condensing water drain	mm	25	25	25	25
Outline dimension (W×D×H)	Body	mm	840×840×240	840×840×240	840×840×240	840×840×240
	Panel T01	mm	950×950×60	950×950×60	950×950×60	950×950×60
	Panel TB03	mm	950×950×85	950×950×85	950×950×85	950×950×85
Package dimension (W×D×H)	Body	mm	963×963×325	963×963×325	963×963×325	963×963×325
	Panel T01	mm	1028×1043×130	1028×1043×130	1028×1043×130	1028×1043×130
	Panel TB03	mm	1033×1038×133	1033×1038×133	1033×1038×133	1033×1038×133
Net weight	Body	kg	27.0	27.0	27.0	27.0
	Panel T01	kg	3.0	3.0	3.0	3.0
	Panel TB03	kg	7	7	7	7
Gross weight	Body	kg	34.0	34.0	35.0	35.0
	Panel T01	kg	5.0	5.0	5.0	5.0
	Panel TB03	kg	11	11	11	11
Loading quantity	20'GP(with panel T01)		50	50	50	50
	40'GP (with panel T01)		121	121	121	121
	40'HQ (with panel T01)		134	134	134	134
	20'GP (with panel TB03)		50	50	50	50
	40'GP (with panel TB03)		117	117	117	117
	40'HQ (with panel TB03)		133	133	133	133
Wired remote controller			Z4E351B	Z4E351B	Z4E351B	Z4E351B
Wireless remote controller			YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)

Model			FP-160XD/B-T	FP-160XD/B-T	FP-180XD/B-T	FP-180XD/B-T
Code			EM520N0860	EM520N0850	EM520N0840	EM520N0830
Power system	Type	V-Ph-Hz	208-230V~ 60Hz	220-240V~ 50Hz	208-230V~ 60Hz	220-240V~ 50Hz
	Input	W	140	125	160	160
Air flow volume	High	CFM	912	912	1059	1059
		m ³ /h	1550	1550	1800	1800
	Medium	CFM	765	824	824	853
		m ³ /h	1300	1400	1400	1450
	Low	CFM	676	765	765	794
		m ³ /h	1150	1300	1300	1350
Capacity	Cooling	W	9000	8700	10000	9500
	Heating	W	14000	10000	16000	11000
Electric heater rated power		W	-	-	-	-
Water system	Cooling water flow volume	l/s	0.43	0.42	0.48	0.45
	Heating water flow volume	l/s	0.43	0.23	0.48	0.27
	Cooling pressure drop	kPa	34	30	42	34
	Heating pressure drop	kPa	34	11	43	12
Sound pressure level		dB(A)	51	51	50	50
Coil	Type	-	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube
	Operating pressure	MPa	≤1.6MPa	≤1.6MPa	≤1.6MPa	≤1.6MPa
Motor	Type	-	FN35C	FN35C	FN50K-1	FN50K-1
	Capacitor	μF	5.00	5.00	3.50	3.50
Connection pipe size	Water inlet & outlet	inch	G3/4"	G3/4"	G3/4"	G3/4"
	Condensing water drain	mm	25	25	25	25
Outline dimension (W×D×H)	Body	mm	840×840×240	840×840×240	840×840×320	840×840×320
	Panel T01	mm	950×950×60	950×950×60	950×950×60	950×950×60
	Panel TB03	mm	950×950×85	950×950×85	950×950×85	950×950×85
Package dimension (W×D×H)	Body	mm	963×963×325	963×963×325	963×963×409	963×963×409
	Panel T01	mm	1028×1043×130	1028×1043×130	1028×1043×130	1028×1043×130
	Panel TB03	mm	1033×1038×133	1033×1038×133	1033×1038×133	1033×1038×133
Net weight	Body	kg	27.0	27.0	32.0	32.0
	Panel T01	kg	3.0	3.0	3.0	3.0
	Panel TB03	kg	7	7	7	7
Gross weight	Body	kg	35.0	35.0	41.0	41.0
	Panel T01	kg	5.0	5.0	5.0	5.0
	Panel TB03	kg	11	11	11	11
Loading quantity	20'GP(with panel T01)		50	50	42	42
	40'GP (with panel T01)		121	121	98	98
	40'HQ (with panel T01)		134	134	112	112
	20'GP (with panel TB03)		50	50	42	42
	40'GP (with panel TB03)		117	117	98	98
	40'HQ (with panel TB03)		133	133	112	112
Wired remote controller			Z4E351B	Z4E351B	Z4E351B	Z4E351B
Wireless remote controller			YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)

Model			FP-200XD/B-T	FP-200XD/B-T
Code			EM520N0820	EM520N0810
Power system	Type	V-Ph-Hz	208-230V~ 60Hz	220-240V~ 50Hz
	Input	W	230	210
Air flow volume	High	CFM	1176	1176
		m ³ /h	2000	2000
	Medium	CFM	912	1000
		m ³ /h	1550	1700
	Low	CFM	735	853
		m ³ /h	1250	1450
Capacity	Cooling	W	13000	13000
	Heating	W	19000	14600
Electric heater rated power		W	-	-
Water system	Cooling water flow volume	l/s	0.62	0.62
	Heating water flow volume	l/s	0.62	0.25
	Cooling pressure drop	kPa	35	34
	Heating pressure drop	kPa	35	30
Sound pressure level		dB(A)	55	55
Coil	Type	-	Aluminum fin-copper tube	Aluminum fin-copper tube
	Operating pressure	MPa	≤1.6MPa	≤1.6MPa
Motor	Type	-	FN50K-2	FN50K-2
	Capacitor	μF	5.00	5.00
Connection pipe size	Water inlet & outlet	inch	G3/4"	G3/4"
	Condensing water drain	mm	25	25
Outline dimension (W×D×H)	Body	mm	840×840×320	840×840×320
	Panel T01	mm	950×950×60	950×950×60
	Panel TB03	mm	950×950×85	950×950×85
Package dimension (W×D×H)	Body	mm	963×963×409	963×963×409
	Panel T01	mm	1028×1043×130	1028×1043×130
	Panel TB03	mm	1033×1038×133	1033×1038×133
Net weight	Body	kg	33.0	33.0
	Panel T01	kg	3.0	3.0
	Panel TB03	kg	7	7
Gross weight	Body	kg	42.0	42.0
	Panel T01	kg	5.0	5.0
	Panel TB03	kg	11	11
Loading quantity	20'GP(with panel T01)		42	42
	40'GP (with panel T01)		98	98
	40'HQ (with panel T01)		112	112
	20'GP (with panel TB03)		42	42
	40'GP (with panel TB03)		98	98
	40'HQ (with panel TB03)		112	112
Wired remote controller			Z4E351B	Z4E351B
Wireless remote controller			YB1FA(X-FAN)	YB1FA(X-FAN)